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Last Update 3/23/2007



QUALIFIED PAVEMENT MARKING MATERIALS LIST

Materials from the companies listed herein are pre-qualified for use on Wisconsin Department of Transportation projects in accordance with all applicable specifications and/ or Policy Memoranda. These materials have been inspected, tested, or evaluated for use.

All materials used are subject to inspection and testing and possible rejection for use in accordance with the Standard Specifications.

Some pre-qualified materials require submittal of Certified Report of Test and Analysis be provided for materials used.

The below listed materials are generally used in permanent highway traffic delineation applications.
Solventborne and waterborne paints are also used for temporary pavement marking applications.

[Epoxy Pavement Marking Materials](#)

[Flexible Delineator Post - Permanent](#)

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[Pavement Marking Grooved RP\(Raised Pattern\) Pre-Cut Contrast Special Marking Tape](#)

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[Pavement Marking Grooved RP \(Raised Pattern\) Pre-Cut Special Marking Tape](#)

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EPOXY PAVEMENT MARKING MATERIALS, QUALIFIED PRODUCTS

NOTE: Only epoxy products from this list may be furnished to WisDOT projects
 For each contract the contractor must submit a certified report of test or analysis indicating
 the results of laboratory tests made on the epoxy material furnished for the work.
 The applicable manufacturer batch numbers are to be identified in the submittal.
 Date last edited: 6/28/2004

All yellow epoxy markings approved for use in Wisconsin are required to be lead free.

Manufacturer	Product Name/brand	Color
Poly-Carb, Inc. 33095 Bainbridge Road Cleveland, Ohio 44139	Slow set Mark-55A, B	White
	Slow set Mark-55A, B (Non-Lead)	Yellow
	Fast set Mark 55.3A, B	White
	Fast set Mark 55.3A, B (Non-Lead)	Yellow
Innovative Performance Systems (IPS) 102 Commerce Dr. Cuba, MO 65453	Slow set HPS-2	White
	Slow set HPS-2 (Non-Lead)	Yellow
Epoplex One Park Avenue Maple Shade, NJ 08052	Fast set LS50	White A
	Fast set LS50 (Non-Lead)	Yellow - LF A
	Slow set LS60	White A
	Slow set LS60 (Non-Lead)	Yellow - LF A
Sherwin-Williams 2325 Hollins Ferry Rd Baltimore, Maryland 21230	Slow Cure BP 16427 [PMM(99WI)-130]*	White
	Lead Free- Slow Cure BP 16429 [PMM(99WI)-132]*	Yellow
	Fast Cure TM-8212	White
	Lead Free - Fast Cure TM-8215	Yellow

*[PMM(99WI)-13X] = AASHTO National Transportation Product Evaluation Program(NTPEP)"Report 00, Number 214" line number provided for information only.

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Flexible Delineator Posts

Date last edited: 6/9/2003

<u>Product Name</u>	<u>Manufacturer</u>	<u>Date Approved</u>
Model SH248GP3 - WS (white)	Safe - Hit	1/1/2003
Model SH248GP3 - YA (yellow)	Hayward, CA	1/1/2003
Model FG-566-PA -W1 (white)	Davidson Plastics	1/1/2003
Model FG-566-PA -Y1 (yellow)	Tacoma, WA	1/1/2003
Survivor Post Model CDS306601 (white)	Carsonite International	1/1/2003
Survivor Post Model CDS306602 (yellow)	Early Branch , SC	1/1/2003
Curv-Flex, Model CFR406601 (white)	Carsonite International	1/1/2003
Curv-Flex, Model CFR406602 (yellow)	Early Branch , SC	1/1/2003

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Pavement Marking Grooved Wet Reflective Tape

This list replaced Pavement Marking Grooved Raised Patterned Tape for August 2007 Let Projects

Date edited: 3/21/07 Companion of STSP 646-018

Product

Stamark Wet Reflective Pavement Marking Tape 380WR ES

Manufacturer

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2007 Construction Season:

When Series 380WR (wet reflective tape) is used on a project for the entire lane line (12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-ES (non wet reflective tape) markings for lane lines, use Series 380WR Tape for the 2 foot supplemental segment.

Avoid use of the listed adhesive, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.

Pavement Marking Grooved Wet Reflective Contrast Tape

This list replaced Pavement Marking Grooved High Performance Contrast Tape for August 2007 Let Projects

Date edited: 3/19/07 Companion of STSP 646-022

Product

Stamark Wet Reflective Pavement Marking Tape 380-5WR ES

Manufacturer

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2007 Construction Season:

When Series 380WR (wet reflective tape) is used on a project for the entire lane line(12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-ES (non wet reflective tape) markings for lane lines, use Series 380WR Tape for the 2 foot supplemental segment.

Avoid use of the listed adhesive, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington and Waukesha.

Pavement Marking Grooved High Performance Contrast Tape

This list will be replaced by: Pavement Marking Grooved Wet Reflective Contrast Tape
for August 2007 Let Projects
Date edited: 3/21/07 Companion of STSP 646-021

Product

Stamark Wet Reflective Pavement Marking Tape 380-5WR ES
or Pliant Polymer Patterned Pavement Marking Tape Series
380I-5ES

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Refer to Grooved Wet Reflective Tape list for application limitations

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2007 Construction Season:

2007 is another transitional year. If the contractor hasn't bought tape yet for the project, ask for the 380-5WR ES product.

When Series 380-5WR (wet reflective tape) is used on a project for the entire lane line (12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-5ES (non wet reflective tape) markings for lane lines, use Series 380-5WR Tape for the 2 foot supplemental segment.

Do not combine 380I-5ES and 380-5WR tapes for full length lanelines.

Pavement Marking Grooved Raised Patterned Tape and Pavement Marking Grooved RP (Raised Patterned) - Pre-Cut Special Marking Tape

This list will be replaced by two lists: Pavement Marking Grooved Wet Reflective Tape and Preformed Plastic Marking Materials for August 2007 Let Projects

Date edited: 3/21/07 Companion of STSP 646-016 and 647-016

Product

Stamark Wet Reflective Pavement Marking Tape 380WR ES
or Pliant Polymer Patterned Pavement Marking Tape Series
380I-ES

Manufacturer

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Refer to Grooved Wet Reflective Tape list for application limitations

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2007 Construction Season:

2007 is another transitional year. If the contractor hasn't bought tape yet for the project, ask for the 380WR ES product.

When Series 380WR (wet reflective tape) is used on a project for the entire lane line (12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-ES (non wet reflective tape) markings for lane lines, use Series 380WR Tape for the 2 foot supplemental segment.

Do not combine 380I-ES and 380WR tapes for full length lanelines.

Pavement Marking High Performance Contrast Tape

This list will be replaced by Pavement Marking Grooved Wet Reflective Contrast Tape for August 2007 Let Projects

Reason- this list is for surface placement. As of the August 2007 Lets, the tape will be only grooved

Date edited: 3/21/07 Companion of STSP 646-020

Product

Stamark Wet Reflective Pavement Marking Tape 380-5WR ES
or Pliant Polymer Patterned Pavement Marking Tape Series
380I-5ES

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225

Adhesive

3M Brand P-50

www.3m.com/tcm

Refer to Grooved Wet Reflective Tape list for application
limitations

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2007 Construction Season:

2007 is another transitional year. If the contractor hasn't bought tape yet for the project, ask for the 380-5WR ES product.

When Series 380-5WR (wet reflective tape) is used on a project for the entire lane line (12 1/2 feet typical), the 2 foot supplemental wet reflective tape segment is not needed.

When a project has sprayed markings or 380I-5ES (non wet reflective tape) markings for lane lines, use Series 380-5WR Tape for the 2 foot supplemental segment.

Do not combine 380I-5ES and 380-5WR tapes for full length lanelines.

Pavement Marking Raised Patterned Tape and Pavement Marking RP (Raised Patterned) - Pre-Cut Special Marking Tape

This list will be replaced by two lists: Pavement Marking Wet Reflective Tape and Preformed Plastic Marking Materials for August 2007 Let Projects

Date edited: 3/21/07 Companion of STSP 646-015 and 647-015

Product

**Stamark Wet Reflective Pavement Marking Tape 380WR ES
or Pliant Polymer Patterned Pavement Marking Tape Series
380I-ES**

Company

**3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225**

Adhesive

3M Brand P-50

www.3m.com/tcm

**Refer to Grooved Wet Reflective Tape list for application
limitations**

Training

**3M Traffic Control Materials Division
1-800-553-1380**

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Rules to follow for the 2007 Construction Season:

**2007 is another transitional year. If the contractor hasn't bought
the tape yet for the project, ask for the 380WR ES product.**

**When Series 380WR (wet reflective tape) is used on a project for
the entire lane line(12 1/2 feet typical), the 2 foot supplemental
wet reflective tape segment is not needed.**

**When a project has sprayed markings or 380I-ES (non wet
reflective tape) markings for lane lines, use Series 380WR Tape for
the 2 foot supplemental segment.**

**Do not combine 380I-ES and 380WR tapes for full
length lanelines.**

Pavement Marking Grooved Polyurea

Date: 5/2/2006

<u>Product Name/brand</u>	<u>Product Code</u>	<u>Color</u>	<u>Manufacturer</u>
Epoplex LS90	9190A9	White	Epoplex, A Division of Stoncor Group, Inc. One Park Avenue
Epoplex LS90 LF	9195A9 Lead Free	Yellow	Maple Shade, NJ 08052

Application

Grooved/Inlaid Double Drop Beads

<http://www.epoplex.com>

Training

Michael Mourad, Great Lakes Sales Manager
330-686-6880

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Pavement Marking Polyurea

Date: 5/2/2006

<u>Product Name/brand</u>	<u>Product Code</u>	<u>Color</u>	<u>Manufacturer</u>
Epoplex LS90	9190A9	White	Epoplex, A Division of Stoncor Group, Inc. One Park Avenue Maple Shade, NJ 08052
Epoplex LS90 LF	9195A9	Lead Free Yellow	

Application

Surface applied Single drop Beads

<http://www.epoplex.com>

Training

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330-686-6880

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Preformed Plastic Marking Materials

This list replaces Pavement Marking Raised Patterned or Grooved Raised Patterned- Pre-Cut Special Marking Tape for August 2007 Let Projects
Date edited: 3/21/07

Product	Manufacturer	Training
STAMARK Pliant Polymer Patterned Pavement Marking Tape High Performance Wet Reflective Tape 380WR	3M Traffic Control Materials Division 3M Center, Building 225-5S-08 P. O. Box 33225 St. Paul, MN 55133-3225 www.3m.com/tcm	3M Traffic Control Materials Division 1-800-553-1380
Adhesive- 3M Brand P-50		
Brite-Line 1000	Brite-Line Technologies, Inc. 104 Revere St. Canton, MA 02021 Phone: 888-201-6448 www.brite-line.com	
Adhesive- Brite-Line C-20 Contact Adhesive		
Swarco Director 60	Swarco Industries, Inc. 270 Rutherford Lane TN 38402 Columbia / USA Phone: 001-931-388-5900 Fax: 001-931-388-4039 E-Mail: office.industries@swarco.com	
Swarco Contact Cement Adhesive or Primer Sealer		

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Avoid use of the listed adhesives, no matter the container size, between May 1 and September 31 in the non-attainment and maintenance Lake Michigan counties of Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Sheboygan, Washington and Waukesha

Preformed Thermoplastic Marking Materials

Date: 12-28-2004

<u>Manufacturer</u>	<u>Product Name/brand</u>
Ennis Paint, Inc 3550 Agricultural Center Dr. St. Augustine, FL 32092	Flametape
Zumar Industries P.O. Box 44549 Tacoma, WA 98444	HotTape
Flint Trading 115 Todd Court Thomasville, NC 27360	Premark Plus

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RAISED PAVEMENT MARKER CASTINGS

Date last edited: 6/29/2006

<u>Manufacturer</u>	<u>Product Name/model</u>	<u>Dimensions(inches)</u>
Ennis Paints, Inc. ⁽¹⁾ Stimsonite Division 6565 W. Howard St. Niles, IL 60714 Phone: 847-647-4814 Fax:847-647-5922 www.ennispaint.com	Permanent: Model 94(Plow One Direction)	10L x 5.5W x1.81H
	Permanent: Model 101LP(Plow Two Directions)	10L x 5.5W x1.76H
	Permanent: Model 101LPCR(Plow Two Directions)	10L x 5.5W x1.76H
Hallen Products Gurnee, IL	Ironstar Model 664 Low Profile	7.75L x 5.86W x1.34H
	Model H1010 Low Profile	10.03L x 5.5W x 1.75H
Nightline Markers Schaumburg, IL	Nightline B-250	10L x 5.6W x1.75H
Ray-O-Lite Heath, Ohio	Ray-O-Lite Model 300 Snow-Lite	7.88L x 6W x 1.5H

(1) Formerly Avery Denison(Amerace Stimsonite)

NOTE: Approved reflectors for use on the above castings are listed on the Raised Pavement Marker Reflector list

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RAISED PAVEMENT MARKER REFLECTORS

Date last edited: 6/29/2006

Manufacturer	Product Name/model	Dimensions(inches)	Remarks
Ennis Paints, Inc. ⁽¹⁾	940 (98 casting)	3.95L x 1.616W x0.41H	Marked Stimsonite on reflector
Stimsonite Division	944 (96 & 101 casting, Ironstar, Nightline B-250)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
6565 W. Howard St.	944 (Model H1010 casting- low profile)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
Niles, IL 60714	944 (Ray-O-Lite Model Snow-Lite casting)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
Phone: 847-647-4814	941 (94 Stimsonite casting)	3.88L x 0.95W x0.3H	
Fax:847-647-5922			
www.ennispaint.com			
3M	190 (96& 101 Stimsonite casting, Ironstar, Nightline B-250)	3.95L x 1.9W x0.43H	Marked 3M on reflector
St. Paul , MN	190 (Model H1010 casting- low profile)	3.95L x 1.9W x0.43H	Marked 3M on reflector
	190 (Ray-O-Lite Model Snow-Lite casting)	3.95L x 1.9W x0.43H	Marked 3M on reflector
	194 (94 Stimsonite casting)	3.9L x 0.845W x0.22H	Marked 3M on reflector
	198 (98 Stimsonite casting)	3.95L x 1.65W x0.43H	
Ray-O-Lite	2004 (96& 101 Stimsonite casting, Ironstar, Nightline B-250)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector
Heath, OH	2004 (Model H1010 casting- low profile)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector
	2004 (Ray-O-Lite Model Snow-Lite casting)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector

⁽¹⁾ Formerly Avery Denison(Amerace Stimsonite)

NOTE: Approved castings for use with above noted reflectors are listed on the Raised Pavement Marker Casting list.

Reflector models and dimensions are specific to the casting models as listed above.

Replacement reflectors for refurbished units must be properly matched to the castings. Use only adhesives approved by the manufacturer.

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SOLVENTBORNE PAINT

Date last edited: 04/01/2005

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

Company: Ennis Paint, Inc*

Color	Paint number	PMM#
White	991018	32
Lead Free Yellow	991019	33

991018 Acetone exempt solvent(VOC compliant) used by District 2 (Special Marking)

* Formerly LaFarge - Centerline Industries, Inc.

Material is VOC compliant solvent based using acetone.

Contact:

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WATERBORNE PAINT**Date last edited: 06/17/2007**

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

<u>Company</u>	<u>Color</u>	<u>Paint Number</u>	<u>Manufacture Number</u>
Diamond -Vogel	White	#73W-VLX 15559	
Diamond -Vogel	Yellow	#79Y-VLX 15565	
Diamond -Vogel	White	#76W-VLX 15562 Hi Build	
Diamond -Vogel	Yellow	#77Y-VLX 15563 Hi Build	
*Ennis Paint	White	#29W-991015	
Ennis Paint	White	#28W-901014	
Ennis Paint	Yellow	#31Y-991017	
**Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16435 ⁽¹⁾	TM-2276
Sherwin Williams - Baltimore	Yellow	BP 16436 ⁽¹⁾	TM 2277
Sherwin Williams - Baltimore	Yellow	BP 16443 (Durable Hi- Build)	

*Formerly LaFarge- Centerline Industries

** Sherwin Williams has purchased Baltimore and is phasing out the Baltimore product name.

(1) Denotes products under contract #405088

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